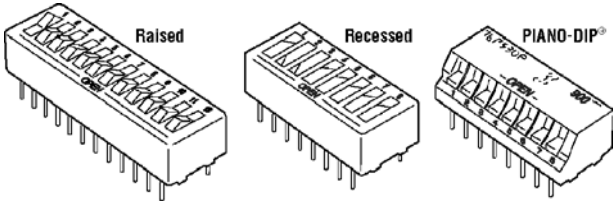


Rocker DIP Switches — Series 76



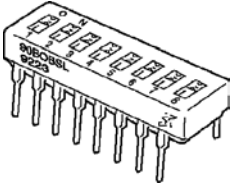
**Raised and Recessed Rockers and PIANO-DIP®**  
Rated to make and break 1 mA, 5 Vdc; or 50 mA, 30 Vdc; or 150 mA, 30 Vdc for 10,000 operations per position. Base contacts are copper alloy, gold plated 10 microinches minimum over nickel plate. **Width:** 0.380" (9.65 mm). **Height:** Raised rocker style — 0.315" (8.0 mm); Recessed style — 0.267" (6.27 mm); PIANO-DIP® — 0.301" (7.65 mm). PIANO-DIP® standard is up-off. Contact Allied for up-on.

| Stock No. | Mfr.'s Type* | Description     | No. of Positions | Length |      | EACH |       |
|-----------|--------------|-----------------|------------------|--------|------|------|-------|
|           |              |                 |                  | In.    | mm   | 1-24 | 25-99 |
| 948-7602  | 76SB02       | Raised Rocker   | 2                | 0.28   | 7.1  | 2.71 | 2.49  |
| 948-2033  | 76SB03       | Raised Rocker   | 3                | 0.38   | 9.7  | 2.78 | 2.45  |
| 948-2034  | 76SB04       | Raised Rocker   | 4                | 0.48   | 12.2 | 2.88 | 2.54  |
| 948-7605  | 78SB05       | Raised Rocker   | 5                | 0.58   | 14.7 | 3.00 | 2.76  |
| 948-2035  | 76SB06       | Raised Rocker   | 6                | 0.68   | 17.3 | 3.06 | 2.70  |
| 948-1025  | 76SB08       | Raised Rocker   | 8                | 0.88   | 22.4 | 3.24 | 2.86  |
| 948-2038  | 76SB10       | Raised Rocker   | 10               | 1.08   | 27.4 | 3.32 | 2.93  |
| 948-2040  | 76RSB02      | Recessed Rocker | 2                | 0.28   | 7.1  | 2.71 | 2.39  |
| 948-2041  | 76RSB04      | Recessed Rocker | 4                | 0.48   | 12.2 | 2.88 | 2.54  |
| 948-7624  | 76RSB06      | Recessed Rocker | 6                | 0.68   | 17.3 | 3.06 | 2.81  |
| 948-1023  | 76RSB08      | Recessed Rocker | 8                | 0.88   | 22.4 | 3.24 | 2.86  |
| 948-2043  | 76PSB02      | PIANO-DIP®      | 2                | 0.28   | 7.1  | 3.20 | 2.83  |
| 948-2044  | 76PSB03      | PIANO-DIP®      | 3                | 0.38   | 9.7  | 3.29 | 2.91  |
| 948-2045  | 76PSB04      | PIANO-DIP®      | 4                | 0.48   | 12.2 | 3.38 | 2.99  |
| 948-2046  | 76PSB05      | PIANO-DIP®      | 5                | 0.58   | 14.7 | 3.42 | 3.02  |
| 948-2047  | 76PSB06      | PIANO-DIP®      | 6                | 0.68   | 17.3 | 3.52 | 3.11  |
| 948-7634  | 76PSB08      | PIANO-DIP®      | 8                | 0.88   | 22.4 | 3.66 | 3.42  |
| 948-2049  | 76PSB09      | PIANO-DIP®      | 9                | 0.98   | 24.9 | 3.80 | 3.36  |

\*Top seal option — add S to part number.

Machine Insertable, MIDIP® Switch — Series 90

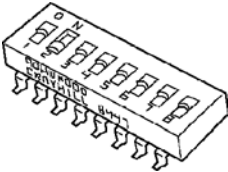
Compatible with leading TO-116 IC insertion equipment. Rated to make and break 10 mA, 30 Vdc; or 10 mA, 50 mVdc for 2,000 operations per position. Base contacts are copper alloy, gold plated 10 microinches minimum over nickel plate. Terminals are molded (sealed) into base. Top seal is polyimide film. **Width:** 0.290" (7.37 mm) max. **Height (Above Board):** 0.180" (4.57 mm) max.



| Stock No. | Mfr.'s Type* | Description | No. of Positions | Length |      | EACH |       |
|-----------|--------------|-------------|------------------|--------|------|------|-------|
|           |              |             |                  | In.    | mm   | 1-24 | 25-99 |
| 948-2061  | 90B02S       | MIDIP®      | 2                | 0.27   | 6.9  | 3.25 | 2.87  |
| 948-9021  | 90B03S       | MIDIP®      | 3                | 0.37   | 9.4  | 3.33 | 3.06  |
| 948-2062  | 90B04S       | MIDIP®      | 4                | 0.47   | 11.9 | 2.85 | 2.52  |
| 948-7906  | 90B06S       | MIDIP®      | 6                | 0.67   | 17.0 | 3.33 | 3.06  |
| 948-2064  | 90B08S       | MIDIP®      | 8                | 0.87   | 22.1 | 2.81 | 2.48  |

\*Supplied with tape seal as standard.

Surface Mountable Switches — Series 90HBW

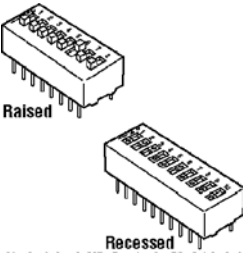


Compatible with surface mount assembly, including up to 260°C. Rated to make and break 100 mA, 6 Vdc; or 10 mA, 50 mVdc for 2,000 operations per position. Contacts are copper alloy, gold plated 10 microinches minimum over nickel. Non-conductive parts are UL94V-0 rated plastic; top seal is polyimide film. **Width:** 0.290" (7.37 mm) max. **Height (Above Board):** 0.190" (4.83 mm) max.

| Stock No. | Mfr.'s Type* | Description   | No. of Positions | Length |      | EACH |       |
|-----------|--------------|---------------|------------------|--------|------|------|-------|
|           |              |               |                  | In.    | mm   | 1-24 | 25-99 |
| 948-8100  | 90HBW02P     | Surface Mount | 2                | 0.27   | 6.9  | 4.47 | 4.01  |
| 948-3011  | 90HBW03P     | Surface Mount | 3                | 0.37   | 9.4  | 4.60 | 4.13  |
| 948-8101  | 90HBW04P     | Surface Mount | 4                | 0.47   | 11.9 | 3.94 | 3.55  |
| 948-8102  | 90HBW05P     | Surface Mount | 5                | 0.57   | 14.5 | 4.47 | 4.01  |
| 948-3010  | 90HBW06P     | Surface Mount | 6                | 0.67   | 17.0 | 4.60 | 4.13  |
| 948-8104  | 90HBW08P     | Surface Mount | 8                | 0.87   | 22.1 | 3.85 | 3.47  |
| 948-8106  | 90HBW10P     | Surface Mount | 10               | 1.07   | 27.2 | 5.18 | 4.66  |

\*Supplied with tape seal as standard.

Slide DIP Switches — Series 78



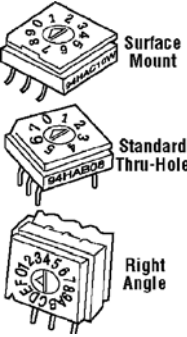
**Raised and Recessed Slide Types**  
Rated to make and break 1 mA, 5 Vdc; or 50 mA, 30 Vdc; or 150 mA, 30 Vdc for 10,000 operations. Base contacts are copper alloy, gold plated 10 microinches minimum over nickel plate. **Width:** 0.380" (9.65 mm). **Height:** Raised slides — 0.315" (8.0 mm); Recessed slides — 0.265" (6.73 mm).

| Stock No. | Mfr.'s Type* | Description    | No. of Positions | Length |      | EACH |       |
|-----------|--------------|----------------|------------------|--------|------|------|-------|
|           |              |                |                  | In.    | mm   | 1-24 | 25-99 |
| 948-2051  | 78B02        | Raised Slide   | 2                | 0.28   | 7.1  | 2.59 | 2.29  |
| 948-7638  | 78B03        | Raised Slide   | 3                | 0.38   | 9.7  | 2.68 | 2.46  |
| 948-7639  | 78B04        | Raised Slide   | 4                | 0.48   | 12.2 | 2.77 | 2.55  |
| 948-7640  | 78B05        | Raised Slide   | 5                | 0.58   | 14.7 | 2.86 | 2.63  |
| 948-2052  | 78B06        | Raised Slide   | 6                | 0.68   | 17.3 | 2.95 | 2.60  |
| 948-7643  | 78B08        | Raised Slide   | 8                | 0.88   | 22.4 | 3.09 | 2.73  |
| 948-2055  | 78B12        | Raised Slide   | 12               | 1.28   | 32.5 | 3.42 | 3.02  |
| 948-2056  | 78RB02       | Recessed Slide | 2                | 0.28   | 7.1  | 2.59 | 2.29  |
| 948-2057  | 78RB03       | Recessed Slide | 3                | 0.38   | 9.7  | 2.68 | 2.37  |
| 948-2058  | 78RB04       | Recessed Slide | 4                | 0.48   | 12.2 | 2.77 | 2.45  |
| 948-7649  | 78RB05       | Recessed Slide | 5                | 0.58   | 14.7 | 2.86 | 2.63  |
| 948-7650  | 78RB06       | Recessed Slide | 6                | 0.68   | 17.3 | 2.95 | 2.71  |
| 948-2059  | 78RB08       | Recessed Slide | 8                | 0.88   | 22.4 | 3.09 | 2.73  |
| 948-2060  | 78RB12       | Recessed Slide | 12               | 1.28   | 32.5 | 3.42 | 3.16  |

\*Top seal option — add S to part number.

Series 94 Coded Rotary DIP Switches

Series 94 sealed rotary DIP switches have binary output with the following positions and code types: 8 pos. Octal, 10 pos. BCD, or 16 pos. Hexadecimal. Complement codes available. Actuators are offered flush and in three extended lengths with an assortment of high temperature knobs. Rated mechanical life of 10,000 cycles (1 cycle: rotation through all positions and a complete return through all positions). Electrical ratings through 10,000 cycles: 100 mA @ 50 VDC current carrying; 150 mΩ @ 50 mA, 50 mVDC contact resistance; 250 VAC RMS dielectric. Through hole terminals on a 0.1" (2.54 mm) × 0.3" (7.62 mm) grid. Surface mount terminals on 0.1" (2.54 mm) centers × 0.5" (12.70 mm) wide with 0.05" (1.27 mm) solder flats. Right angle terminals on a 0.1" (2.54 mm) × 0.1" (2.54 mm) grid. Terminals are nickel over copper alloy with 90/10 tin/lead solder plating. Maximum process temperature of 250°C for 10 seconds.



| Stock No. | Mfr.'s Type | No. of Positions | Mounting       | Actuator | EACH |       |
|-----------|-------------|------------------|----------------|----------|------|-------|
|           |             |                  |                |          | 1-24 | 25-49 |
| 948-9401  | 94HAB08W    | 8                | Surface        | Flush    | 3.38 | 3.13  |
| 948-9006  | 94HAB10W    | 10               | Surface        | Flush    | 3.38 | 3.13  |
| 948-9011  | 94HAB16W    | 16               | Surface        | Flush    | 3.38 | 3.13  |
| 948-9404  | 94HEB08W    | 8                | Surface        | 0.09     | 3.97 | 3.67  |
| 948-9405  | 94HEB10W    | 10               | Surface        | 0.09     | 3.97 | 3.67  |
| 948-9406  | 94HEB16W    | 16               | Surface        | 0.09     | 3.97 | 3.67  |
| 948-9407  | 94HCB08W    | 8                | Surface        | 0.17     | 3.38 | 3.13  |
| 948-9408  | 94HCB10W    | 10               | Surface        | 0.17     | 3.38 | 3.13  |
| 948-9409  | 94HCB16W    | 16               | Surface        | 0.17     | 3.38 | 3.13  |
| 948-9410  | 94HBB08W    | 8                | Surface        | 0.27     | 3.38 | 3.13  |
| 948-9411  | 94HBB10W    | 10               | Surface        | 0.27     | 3.38 | 3.13  |
| 948-9412  | 94HBB16W    | 16               | Surface        | 0.27     | 3.38 | 3.13  |
| 948-9002  | 94HAB08     | 8                | Std. Thru-Hole | Flush    | 3.38 | 3.13  |
| 948-9007  | 94HAB10     | 10               | Std. Thru-Hole | Flush    | 3.38 | 3.12  |
| 948-9012  | 94HAB16     | 16               | Std. Thru-Hole | Flush    | 3.38 | 3.13  |
| 948-9416  | 94HEB08     | 8                | Std. Thru-Hole | 0.09     | 3.85 | 3.56  |
| 948-9417  | 94HEB10     | 10               | Std. Thru-Hole | 0.09     | 3.85 | 3.56  |
| 948-9418  | 94HEB16     | 16               | Std. Thru-Hole | 0.09     | 3.85 | 3.56  |
| 948-9419  | 94HCB08     | 8                | Std. Thru-Hole | 0.17     | 3.38 | 3.13  |
| 948-9420  | 94HCB10     | 10               | Std. Thru-Hole | 0.17     | 3.38 | 3.13  |
| 948-9421  | 94HCB16     | 16               | Std. Thru-Hole | 0.17     | 3.38 | 3.13  |
| 948-9422  | 94HBB08     | 8                | Std. Thru-Hole | 0.27     | 3.38 | 3.13  |
| 948-9008  | 94HBB10     | 10               | Std. Thru-Hole | 0.27     | 3.38 | 3.13  |
| 948-9013  | 94HBB16     | 16               | Std. Thru-Hole | 0.27     | 3.38 | 3.13  |
| 948-9425  | 94HAB08RA   | 8                | Right Angle    | Flush    | 3.78 | 3.50  |
| 948-9426  | 94HAB10RA   | 10               | Right Angle    | Flush    | 3.78 | 3.50  |
| 948-9427  | 94HAB16RA   | 16               | Right Angle    | Flush    | 3.78 | 3.50  |
| 948-9428  | 94HEB08RA   | 8                | Right Angle    | 0.09     | 4.36 | 4.04  |
| 948-9429  | 94HEB10RA   | 10               | Right Angle    | 0.09     | 4.36 | 4.04  |
| 948-9430  | 94HEB16RA   | 16               | Right Angle    | 0.09     | 4.36 | 4.04  |
| 948-9431  | 94HCB08RA   | 8                | Right Angle    | 0.17     | 3.78 | 3.50  |
| 948-9432  | 94HCB10RA   | 10               | Right Angle    | 0.17     | 3.78 | 3.50  |
| 948-9433  | 94HCB16RA   | 16               | Right Angle    | 0.17     | 3.78 | 3.50  |
| 948-9005  | 94HBB08RA   | 8                | Right Angle    | 0.27     | 3.78 | 3.50  |
| 948-9435  | 94HBB10RA   | 10               | Right Angle    | 0.27     | 3.78 | 3.50  |
| 948-9436  | 94HBB16RA   | 16               | Right Angle    | 0.27     | 3.78 | 3.50  |